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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED
SEPTEMBER 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: November 19, 1986

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI

SECTION I

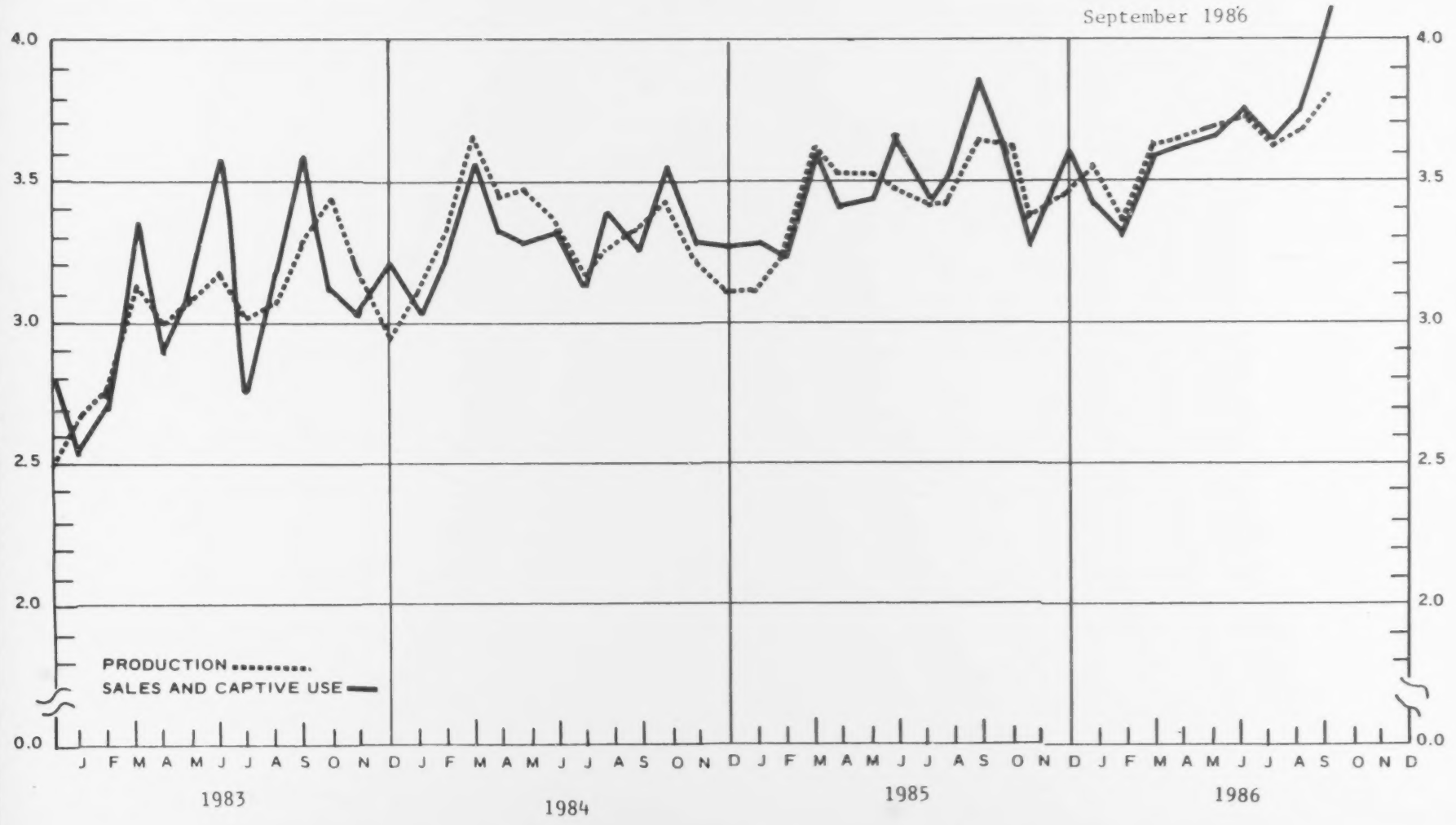
CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


September 1986
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PRODUCTION
SALES AND CAPTIVE USE
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1983
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SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

September 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	36,842	29,950	+23.0	289,821	281,859	+ 2.8	45,266	33,867	+33.7	308,785	291,417	+ 6.0
POLYESTER (UNSATURATED) RESINS, TOTAL	110,149	106,004	+ 3.9	966,188R	946,228	+ 2.1	110,071	102,544	+ 7.3	970,688R	938,582	+ 3.4
UREA RESINS, TOTAL	113,783	109,386	+ 4.0	938,227	905,906	+ 3.6	113,383	109,744	+ 3.3	942,905	912,327	+ 3.4
MELAMINE RESINS, TOTAL	16,381	15,935	+ 2.8	141,712	145,186	- 2.4	14,875	15,805	- 2.8	128,764	143,296	-10.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,122	231,336	+ 3.4	2,078,977R	1,957,355	+ 6.2	236,036	230,980	+ 2.2	2,046,289R	1,942,587	+ 5.3
THERMOSETTING RESINS, TOTAL	516,277	492,611	+ 4.8	4,415,055R	4,236,734	+ 4.2	519,631	492,440	+ 5.5	4,397,211R	4,228,209	+ 4.0
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	844,061	873,314	- 3.3	6,621,518R	6,653,537	- 0.5	764,345	783,216	- 2.4	6,621,919R	6,606,743	+ 0.2
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	689,237	665,572	+ 3.6	5,256,686R	4,973,898	+ 5.7	624,086	602,773	+ 3.5	5,330,574R	5,002,648	+ 6.6
POLYPROPYLENE, TOTAL	552,343	459,065	+20.3	4,315,097R	3,910,202	+10.4	490,366	442,224	+10.9	4,269,422R	3,819,778	+11.8
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	96,222	83,371	+15.4	789,258	775,867	+ 1.7	88,438	75,378	+17.3	793,880	793,931	- 0.0
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,863	6,416	+38.1	59,241	65,743	- 9.9	8,652	6,240	+38.7	65,321	65,745	- 0.7
POLYSTYRENE RESINS, TOTAL	415,075	363,744	+14.1	3,338,020	3,064,900	+ 8.9	367,666	348,158	+ 5.6	3,271,231	3,027,722	+ 8.0
STYRENE BASED LATEXES, TOTAL **	78,390	71,926	+ 9.0	644,164	600,068	+ 7.3	67,372	63,348	+ 6.4	601,426	550,715	+ 9.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	25,189	24,176	+ 4.2	214,340	202,904	+ 5.6	24,873	20,868	+19.2	211,157	201,505	+ 4.9
NYLON RESINS, TOTAL	35,333	36,142	- 2.2	327,533R	300,129	+ 9.1	36,404	33,458	+ 8.8	348,690	296,771	+17.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	695,009	602,789	+15.3	5,514,552	5,015,369	+10.0	626,756	620,851	+ 1.0	5,380,952	5,056,753	+ 6.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,269	55,991	+ 9.4	528,697	517,641	+ 2.1	* 61,269	* 55,991	* + 9.4	* 528,697	* 517,641	* + 2.1
POLYVINYL ALCOHOL, TOTAL #	D(4)	12,995	n.c.	D(4)	110,048	n.c.	D(4)	13,782	n.c.	D(4)	108,751	n.c.
OTHER VINYL RESINS, TOTAL	12,374	17,760	-30.3	138,831	145,620	- 4.7	15,807	15,519	+ 1.9	147,987	152,638	- 3.0
THERMOPLASTIC POLYESTER, TOTAL	104,795	79,846	+31.2	853,432	706,614	+20.8	105,147	72,791	+44.5	855,895	715,817	+19.6
THERMOPLASTIC RESINS, TOTAL	3,618,160	3,353,107	+ 7.9	28,601,359R	27,042,540	+ 5.8	3,281,181	3,154,597	+ 4.0	28,427,151R	26,906,874	+ 5.7
GRAND TOTAL	6,134,437	5,845,718	+ 7.5	33,016,414R	31,279,274	+ 5.6	3,800,812	3,647,037	+ 4.2	32,824,362R	31,135,083	+ 5.4

(1) Except phenolic resins which are reported on a gross weight basis

* These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# Includes imputed data

** Sales and Captive Use figures include some Canadian produced material.

(4) The Publishing of PVOH data is temporarily suspended until further notice.

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D = Disclosure

R = Revision

n.c. = Not comparable

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

SEPTEMBER 1986

RESIN KIND	SEPTEMBER				YEAR TO DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	65	2	9	58	309	13	76	246	5
POLYESTER (UNSATURATED) RESINS, TOTAL	110	1	2	109	970 R	5	20	955	1
UREA RESINS, TOTAL	113	2	1	114	943	20	2	961	2
MELAMINE RESINS, TOTAL	15	0	1	14	129	2	15	116	2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	236	3	3	236	2,046 R	30	28	2,048	1
THERMOSETTING RESINS, TOTAL	519	8	16	511	4,397 R	70	141	4,326	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	764	70	79	755	6,622 R	544	636	6,530	8
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	624	3	65	562	5,331 R	31	662	4,700	1
POLYPROPYLENE, TOTAL	490	2	111	381	4,269 R	20	855	3,434	1
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	88	4	9	83	794	55	69	780	7
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	9	0	2	7	66	0	11	55	0
OTHER STYRENICS	92	4	8	88	812	19	73	778	2
POLYSTYRENE, TOTAL	368	0	9	359	3,271	10	86	3,201	0
NYLON RESINS, TOTAL	36	3	6	33	348	20	49	319	6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	627	10	36	601	5,381	171	248	5,304	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61	2	4	59	529	17	55	491	3
POLYVINYL ALCOHOL, TOTAL	D(4)	–	–	–	D(4)	–	–	–	–
OTHER VINYL RESINS, TOTAL	16	2	6	12	148	29	38	139	21
THERMOPLASTIC POLYESTER, TOTAL	105	4	15	94	856	21	98	779	3
THERMOPLASTIC RESINS, TOTAL	3,280	106	350	3,034	29,627 R	963	2,880	29,711	3
GRAND TOTAL	3,799	112	366	3,545	32,824 R	1,033	3,021	30,836	3

(1) – Except phenolic resins which are reported on a gross weight basis

(4)= The Publishing of PVOH data has been temporarily suspended until further notice.

D = Disclosure

R = Revision

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* – Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOSETTING RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	36,842	29,950	+23.0	289,821	281,859	+2.8	45,266	33,867	+33.7	808,785	291,417	+ 6.0
Total Exports	7,661	2,624	+192.0	42,886	32,718	+31.1						
Captive Use, Total	1,104	1,355	-18.5	9,921	11,156	-12.6						
Domestic Sales, Total	28,077	25,971	+ 8.1	237,014	237,785	- 0.3						
Domestic Sales & Captive Use, Total	29,181	27,326	+ 6.8	246,935	249,141	- 0.9						
Bonding & Adhesives	2,067	1,227	+68.5	15,145	13,283	+14.0						
Flooring, Paving & Exposed Aggregate	1,730	1,259	+37.4	15,178	12,934	+17.3						
Protective Coatings	14,698	14,670	+ 0.2	124,881	130,697	- 4.4						
Fiber Reinforced Laminates & Composites, Total	5,689	5,688	+ 0.0	52,785	51,666	+ 2.2						
FRL&C for Printed Wiring Board	3,975	3,550	+12.0	36,127	32,962	+ 9.6						
All Other FRL&C	1,714	2,138	-19.8	16,658	18,704	-10.9						
Tooling, Casting & Molding Resins	2,228	1,903	+17.1	17,654	18,028	- 2.1						
All Other Uses	2,769	2,579	+ 7.4	21,292	22,533	- 5.5						
POLYESTER (UNSATURATED) RESINS, TOTAL	110,149	106,004	+ 3.9	966,318R	946,228	+ 2.1	110,071	102,544	+ 7.3	970,568P	938,582	+ 3.4
Total Exports	817	1,023	-20.1	7,240R	7,043	+ 2.8						
Total Domestic	109,332	104,981	+ 4.1	959,078R	939,185	+ 2.1						
General Purpose Resins, Total	93,930	89,174	+ 5.3	828,712R	819,010	+ 1.2						
General Purpose – Thixotropic	41,552	40,398	+ 2.9	367,509R	351,352	+ 4.6						
General Purpose – Press Molding	15,654	16,179	- 3.2	120,208R	120,781	- 0.5						
General Purpose – All Other	36,724	32,597	+12.7	340,995R	346,877	- 1.7						
Flame Retardant Resins	2,551	2,046	+24.7	19,505R	18,115	+ 7.7						
Chemical Resistant Resins	12,851	13,761	- 6.6	110,861R	102,060	+ 8.6						
Chemical Resistant Isophthalic Resins	10,505	11,081	- 5.2	90,017R	77,827	+15.7						
All Other Chemical Resistant Resins	2,346	2,680	-12.5	20,844R	24,233	-14.0						
Reinforced Plastics, Total	82,495	83,219	- 0.9	724,901R	727,329	- 0.3						
Non-Reinforced Plastics, Total	26,837	21,762	+23.3	234,177R	211,856	+10.5						

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R Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

THERMOSETTING RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR-TO-DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	113,783	109,386	+ 4.0	938,227	905,906	+ 3.6	113,383	109,744	+ 3.3	942,905	912,327	+ 3.4
MELAMINE RESINS, TOTAL	16,381	15,935	+ 2.8	141,712	145,186	- 2.4	14,875	15,305	- 2.8	128,764	143,296	-10.1
UREA & MELAMINE RESINS, TOTAL	130,164	125,321	+ 3.9	1,079,939	1,051,092	+ 2.7	128,258	125,049	+ 2.6	1,071,669	1,055,623	+ 1.5
Total Exports	D	D		D	D							
Total Domestic*	130,164	125,321	+ 3.9	1,079,939	1,051,092	+ 2.7						
Textile Treating & Coating Resins	1,930	741	+160.5	14,184	12,891	+10.0	2,357	1,532	+53.9	19,211	19,382	- 0.9
Paper Treating & Coating Resins	8,070	9,154	-11.8	73,873	76,317	- 3.2	8,691	9,329	- 6.8	75,095	81,876	- 8.3
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	102,118	96,988	+ 5.3	837,852	795,677	+ 5.3	101,000	97,256	+ 3.8	834,085	797,736	+ 4.6
Laminating	4,119	4,025	+ 4.8	32,658	33,418	- 2.3	4,146	4,023	+ 3.1	30,770	33,192	- 7.3
Plywood	5,556	5,485	+ 1.3	45,007	43,207	+ 4.2	5,584	5,524	+ 1.1	45,2[illegible]	43,410	+ 4.2
Fibrous & Granulated Wood (Particle Board)	92,343	87,478	+ 5.6	760,187	719,052	+ 5.7	91,270	87,709	+ 4.1	758,101	721,134	+ 5.1
Protective Coatings: (Straight & Modified)	8,543	7,265	+17.6	77,586	67,559	+14.8	7,467	7,143	+ 4.5	75,171	70,642	+ 6.4
All Other Uses (Includes Molding Compounds, and Exports)	9,503	11,173	-14.9	76,444	98,648	-22.5	8,743	9,789	-10.7	68,107	85,987	-20.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,122	231,336	+ 3.4	2,078,977R	1,957,555	+ 6.2	236,036	230,980	+ 2.2	2,046,289R	1,942,587	+ 5.4
Total Exports	1,637	1,534	+ 6.7	11,253	16,215	-30.6						
Total Domestic	237,485	229,802	+ 3.3	2,067,724R	1,941,340	+ 6.5						
Molding Compounds	18,143	17,806	+ 1.9	153,979R	158,134	- 2.6	18,814	18,561	+ 1.4	159,900R	162,797	- 1.8
Bonding & Adhesive Resins for:	191,927	205,934	- 6.8	1,810,371	1,732,605	+ 4.5	189,462	206,079	- 8.1	1,781,978	1,728,680	+ 3.1
Laminating	16,339	12,236	+33.5	149,236	106,570	+40.0	14,353	10,769	+33.3	125,026	94,428	+32.4
Coated & Bonded Abrasives	1,596	1,298	+23.0	13,966	12,442	+12.2	1,606	1,300	+23.5	14,031	12,476	+12.5
Friction Materials	2,701	2,179	+24.0	22,032	20,234	+ 8.9	2,581	2,428	+ 6.3	21,446	20,386	+ 5.2
Insulation Materials	35,515	41,152	-13.7	311,384	309,477	+ 0.6	35,652	41,261	-13.6	304,741	312,163	- 2.4
Foundry & Shell Molding	2,991	5,792	-48.4	31,565	58,580	-46.1	2,989	6,136	-51.3	31,425	60,622	-48.2
Plywood	106,602	107,900	- 1.2	955,631	926,474	+ 3.1	105,818	108,301	- 2.3	956,377	927,631	+ 3.1
Fibrous & Granulated Wood	20,653	18,819	+ 9.7	190,438	158,692	+20.0	21,618	19,137	+13.0	194,617	158,718	+22.6
Resins Sold to Rubber Industry	2,681	2,978	-10.0	23,700	21,189	+11.9	1,975	2,950	-33.1	21,492	22,744	- 5.5
All Other	2,849	13,580	-79.0	112,419	118,947	- 5.5	2,870	13,797	-79.2	112,833	119,512	- 5.6
Protective Coatings - Unmodified & Modified	2,194	1,999	+ 9.8	17,153	17,614	- 2.6	2,181	1,994	+ 9.4	16,954	17,636	- 3.9
Resins Sold to Rubber Industry, Non Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	25,221	4,063	+520.7	86,221	32,987	+161.4	25,579	4,346	+488.6	87,457	33,474	+161.3

(1) - Except phenolic resins which are reported on a gross weight basis

* - Domestic total includes exports.

\# - Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non Adhesive Uses

D Disclosure

R Revision

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	84 061	873,314	- 3.3	6,621,518R	6,653,537	- 0.5	764,345	783,216	- 2.4	6,621,919R	6,606,743	+ 0.2
Total Exports	80,148	95,607	-16.2	715,130R	917,318	-22.0						
Total Domestic	763,913	777,707	- 1.8	5,906,388R	5,736,199	+ 3.0						
Film (12 Mils & Below)	483,522	515,058	- 6.1	3,585,004	3,574,749	+ 0.3						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	50,890	56,284	- 9.6	432,651	434,116	- 0.3						
Wire & Cable	28,209	26,862	+ 5.0	257,500	260,244	- 1.1						
Extrusion Coating	63,349	59,994	+ 5.6	505,227	492,267	+ 2.6						
Blow Molding	2,822	4,160	-35.3	29,512	36,501	-19.1						
Pipe & Conduit, Total	1,229	3,757	-67.3	22,163	24,787	-10.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,293	10,642	- 3.3	85,073	65,675	+29.5						
Resellers & Compounders	60,373	*		461,632	*							
All Other Uses	63,226	100,750	-37.2	527,626	847,840	-37.8						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	689,237	665,572	+ 3.6	5,256,686R	4,973,898	+ 5.7	624,086	602,773	+ 3.5	5,330,574R	5,002,648	+ 6.6
Total Exports	62,728	85,284	-26.4	660,919	636,390	+ 3.9						
Total Domestic	626,509	580,288	+ 8.0	4,595,767R	4,337,508	+ 6.0						
Film (12 Mils & Below)	48,003	43,059	+11.5	354,864	321,623	+10.3						
Sheet (Over 12 Mils)	20,318	15,318	+32.6	133,649	101,795	+31.3						
Injection Molding	172,165	179,609	- 4.1	1,189,813	1,180,293	+ 0.8						
Wire & Cable	11,024	8,915	+23.7	93,107	87,717	+ 6.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	232,621	216,027	+ 7.7	1,788,934	1,660,817	+ 7.7						
Pipe & Conduit, Total	50,843	50,189	+ 1.3	347,822R	372,792	- 6.7						
Corrugated Pipe & Conduit	18,993	12,267	+54.8	120,230R	100,470	+19.7						
Non-Corrugated Pipe & Conduit	11,850	37,922	-16.0	227,592	272,322	-16.4						
Other Extruded Products	3,647	3,213	+13.5	31,543	30,382	+ 3.8						
Resellers & Compounders	49,283	*		394,307	*							
All Other Uses	18,605	63,958	-39.6	261,728	582,089	-55.0						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

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D = Disclosure
R = Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	552,343	459,065	+20.3	4,315,097R	3,910,202	+10.4	490,366	442,224	+10.9	4,269,422R	3,819,778	+11.8
Total Exports	103,420	94,678	+ 9.2	834,533R	665,333	+25.4						
Total Domestic	448,923	364,387	+23.2	3,480,564R	3,244,869	+ 7.3						
Injection Molding	116,051	106,459	+ 9.0	957,388	952,447	+ 0.5						
Appliances	11,155	9,616	+16.0	94,399	86,141	+ 9.6						
Consumer Products	27,639	22,871	+20.8	234,676	231,663	+ 1.3						
Rigid Packaging	40,742	34,810	+17.0	327,818	292,056	+12.2						
Transportation	26,610	29,107	- 8.6	218,529	252,162	-13.3						
All Other Injection Molding	9,905	10,055	- 1.5	81,966	90,425	- 9.4						
Blow Molding	8,326	6,841	+21.7	77,051	79,267	- 2.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	40,742	28,153	+44.7	378,955	289,443	+30.9						
Sheet (Over 10 Mils)	4,110	3,741	+ 9.9	29,326	33,541	-12.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	150,257	119,380	+25.9	1,112,855	1,068,184	+ 4.2						
Textile Applications	142,704	109,473	+30.4	1,021,346	987,016	+ 3.5						
Non-Textile Monofilaments	7,553	9,907	-23.8	91,509	81,168	+12.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	15,375	7,725	+99.0	73,625	66,914	+10.0						
Resellers & Compounders	96,346	73,283	+31.5	722,483R	611,707	+18.1						
All Other Uses	17,716	18,805	- 5.8	128,881	143,366	-10.1						

- Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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R Revision

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

September 1986

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	96,222	83,371	+15.4	789,258	775,867	+ 1.7	88,438	75,378	+17.3	793,880	793,931	- 0.0
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,863	6,416	+38.1	59,231	65,743	- 9.9	8,652	6,240	+38.7	63,321	65,288	- 3.0
Total Exports	1,893	445	+325.4	7,616	6,424	+18.6						
Total Domestic	6,970	5,971	+16.7	51,615	59,319	-13.0						
POLYSTYRENE RESINS, TOTAL	415,075	363,744	+14.1	3,338,020	3,064,900	+ 8.9	367,666	348,158	+ 5.6	3,271,251	3,[illegible]	+ 5.0
Straight Polystyrene	213,760	192,486	+11.1	1,747,709	1,581,431	+10.5	198,735	183,424	+ 8.3	1,749,956	1,578,763	+10.8
Rubber-Modified Polystyrene	201,315	171,258	+17.6	1,590,311	1,483,469	+ 7.2	168,931	164,734	+ 2.5	1,521,275	1,448,959	+ 5.0
Total Exports	9,342	6,683	+39.8	83,359	63,824	+30.6						
Straight Polystyrene	7,038	4,179	+68.4	56,235	35,284	+59.4						
Rubber-Modified Polystyrene	2,304	2,504	-8.0	27,124	28,540	-5.0						
Total Domestic	405,733	357,061	+13.6	3,254,661	3,001,076	+8.4						
Molding	165,657	124,996	+32.5	1,167,647	1,040,795	+12.2						
Extrusion	164,921	149,213	+10.5	1,451,907	1,294,597	+12.2						
Expandable Polystyrene Beads	45,912	53,816	-14.7	367,293	388,579	-5.5						
All Other Uses	29,243	29,036	+0.7	267,814	277,105	-3.4						
Polystyrene End Uses, Total**	405,733	357,061	+13.6	3,254,661	3,001,076	+8.4						
Packaging	110,933	84,845	+30.7	812,529	713,358	+13.9						
Disposables	48,650	41,091	+18.4	425,661	351,579	+21.1						
Consumer and Institutional Products	61,099	54,555	+12.0	444,020	501,657	-11.5						
Electrical/Electronics	42,212	30,698	+37.5	298,233	236,255	+26.2						
Furniture, Furnishings, Building & Construction	23,206	13,060	+77.7	172,358	112,528	+53.2						
Expandable Polystyrene Beads	45,912	53,816	-14.7	367,293	388,579	-5.5						
Resellers and Compounders	57,318	48,864	+17.3	380,342	396,279	-4.0						
All Other End Uses	16,403	30,132	-45.6	354,225	300,841	+17.7						

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** - Portions of the End Use Section are estimated.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS (In thousands of pounds, dry weight basis) September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	78,190	71,926	+ 9.0	644,164	600,068	+ 7.3	67,372	63,348	+ 6.4	601,436	[illegible]	+ 9.2
Paper Treating	4,438	3,479	+27.6	41,175	29,511	+39.5						
Textile Treating	1,569	1,456	+ 7.8	14,071	13,001	+ 8.2						
Carpet Backing	31,671	28,855	+ 9.8	239,007	232,512	+ 2.8						
All Other Uses (Including Exports & Paper Coating)	40,712	38,136	+ 6.8	349,911	325,044	+ 7.7						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene *	25,189	24,176	+ 4.2	214,340	202,904	+ 5.6	24,873	20,868	+19.2	211,157	201,395	+ 4.9
Total Export	D	D		D	D							
Total Domestic	25,189	24,176	+ 4.2	214,340	202,904	+ 5.6						
Molding & Extrusion *	20,237	18,599	+ 8.8	170,740	155,600	+ 9.7						
Coatings	4,952	5,577	-11.2	43,600	47,304	- 7.8						
NYLON RESINS, TOTAL	35,133	36,142	- 2.2	327,533R	300,129	+ 9.1	36,508	33,458	+ 8.8	348,690	296,771	+17.5
Total Exports	2,543	2,510	+ 1.3	24,433R	18,484	+32.2						
Total Domestic	32,790	33,632	- 2.5	303,100R	281,645	+ 7.6						
Injection Molding Grade	21,389	22,147	- 3.4	201,211R	186,255	+ 8.0						
Extrusion Grade	9,258	9,311	- 0.6	84,184R	76,925	+ 9.4						
Resellers and Compounders	1,804	1,532	+17.8	13,004	12,952	+ 0.4						
All Other Uses	339	642	-47.2	4,701	5,513	-14.7						

*** - Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

* - Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian produced material.

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R Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	695,009	602,789	+15.3	5,514,552	5,015,369	+10.0	626,756	620,851	+ 1.0	5,080,952R	5,056,753	+ 6.4
Homopolymer Resins Including Blending & Latex	640,193	543,552	+17.8	5,064,317	4,543,701	+11.5	577,285	560,247	+ 3.0	4,945,586R	4,584,197	+ 7.9
Copolymer Resins Including Blending & Latex	18,754	26,132	-28.2	153,993	196,804	-21.8	17,167	29,246	-41.3	147,569	199,690	-26.1
Dispersion Resins	36,062	33,105	+ 8.9	296,242	274,864	+ 7.8	32,304	31,358	+ 3.0	287,797	272,866	+ 5.5
Total Exports	37,800	32,701	+15.6	260,961	218,574	+19.4						
Total Domestic	657,209	570,088	+15.3	5,253,591	4,796,795	+ 9.5						
Calendering, Total	58,201	63,608	- 8.5	533,186	504,434	+ 5.7						
Flooring	14,545	14,941	- 2.7	122,309	117,531	+ 4.1						
Textile	7,578	5,226	+45.0	59,366	52,862	+12.3						
All Other Calendering Uses	36,080	43,441	-16.9	351,511	334,041	+ 5.2						
Coating, Total	31,394	27,537	+14.0	238,598	221,294	+ 7.8						
Flooring	14,016	12,151	+15.3	102,243	90,502	+13.0						
Textile & Paper Coating	8,941	8,206	+ 9.0	71,420	66,293	+ 7.7						
Protective Coatings	4,492	4,027	+11.5	34,759	33,979	+ 2.3						
Adhesives & All Other Coating Uses	3,945	3,153	+25.1	30,176	30,520	- 1.1						
Extrusion, Total	444,800	394,645	+12.7	3,535,379	3,155,401	+ 5.4						
Wire & Cable	38,927	38,532	+ 1.0	308,987	338,727	- 8.8						
Film & Sheet	24,503	17,129	+43.0	186,229	168,170	+10.7						
Siding & Siding Accessories	43,524	42,934	+ 1.4	357,903	349,348	+ 2.4						
Rigid Pipe & Tubing (Except Fittings)	294,294	249,168	+18.1	2,283,225	2,107,538	+ 8.3						
All Other Extrusions	43,552	46,882	- 7.1	399,035	391,618	+ 1.9						
Molding, Total	39,976	39,502	+ 1.2	367,561	351,724	+ 4.5						
Bottles	16,578	12,242	+35.4	147,656	122,462	+20.6						
Sound Records	2,988	7,306	-59.1	31,172	49,469	-37.0						
Fittings (Rigid Pipe & Tubing)	11,215	14,165	-20.8	104,157	127,401	-18.2						
All Other Molding	9,195	5,789	+58.8	84,576	52,392	+61.4						
Paste Processes (Except Coating)	13,502	12,623	+ 7.0	115,387	116,667	- 1.1						
Plastisol Formulation	5,962	6,179	- 3.5	56,951	58,235	- 2.2						
All Other	7,540	6,444	+17.0	58,436	58,432	+ 0.0						
Resellers & Compounders	34,043	9,232	+268.7	216,383	68,228	+217.1						
All Other Uses	35,291	22,941	+53.8	247,097	179,047	+38.0						

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SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

SEPTEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR TO DATE			SEPTEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,269	55,991	+ 9.4	528,697	517,641	+ 2.1	61,269	55,991	+ 9.4	528,697	517,641	+ 2.1
Total Exports	240	529	-54.6	3,163	4,914	-35.6						
Total Domestic	61,029	55,462	+10.0	525,534	512,727	+ 2.5						
Emulsion Paints	20,895	17,404	+20.1	181,438	157,821	+15.0						
Adhesives, Caulks and Sealants	22,887	22,486	+ 1.8	196,041	202,116	- 3.1						
Paper Treating & Paper Coating	9,843	8,598	+14.5	80,371	83,983	- 4.3						
Textile Treating	2,747	2,468	+11.3	25,408	24,248	+ 4.8						
Non-Woven Binders	D	D		D	D							
All Other Uses	4,657	4,506	+ 3.4	42,276	44,359	- 4.7						
POLYVINYL ALCOHOL, TOTAL	D(4)	12,995	n.c.	D(4)	110,048	n.c.	D(4)	13,782	n.c.	D(4)	108,751	n.c.
Total Exports	D(4)	2,082		D(4)	21,661							
Total Domestic	D(4)	10,913		D(4)	88,387							
OTHER VINYL RESINS*, TOTAL	12,374	17,760	-30.3	138,831	145,620	- 4.7	15,807	15,519	+ 1.9	147,987	142,611	+ 3.8
Total Exports	3,483	3,531	- 1.4	37,753	36,185	+ 4.3						
Total Domestic	8,891	14,229	-37.5	101,078	109,435	- 7.6						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	104,795	79,846	+31.2	853,432	706,614	+20.8	105,147	72,791	+44.5	855,895	715,817	+19.6
Total Exports	13,208	9,340	+41.4	117,267	85,602	+37.0						
Total Domestic	91,587	70,506	+29.9	736,165	621,012	+18.5						
PET Bottle Grades	67,790	51,412	+31.9	527,353	462,555	+14.0						
All Other Thermoplastic Polyester**	23,797	19,094	+24.6	208,812	158,457	+31.8						

** - Includes All Other PET and All Injection Molding Grades

- Includes imputed data

(1) - Included in All Other Uses

(4) - The Publishing of PVOH data is temporarily suspended until further notice.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.